Fraction of events / 1 GeV $pp \rightarrow h \rightarrow 2n_{_1} \rightarrow 2n_{_D} + 2\; \gamma_{_D} \rightarrow 2n_{_D} + 4\mu$ 0.1 $m_h = 125 \text{ GeV}, m_{n_e} = 10 \text{ GeV}, m_{n_e} = 1 \text{ GeV}$ $m_{\gamma_D} = 0.3$ GeV, $c\tau_{\gamma_D} = 0.2$ mm 1st n_D (leading p_T) 80.0 $-2nd n_D$ 0.06 0.04 0.02 0 20 40 60 80 100 120 of n [GeV]

CMS Simulation (LHE) 13 TeV